
Method and Device for Estimation of Combustion Chamber Pressure

ABSTRACT:

It is claimed that statements regarding cylinder pressure are obtained for optimization of the combustion process in internal combustion engines. The internal combustion engine is modeled with a plurality of model parameters (1 to 5) for this purpose. Once it has been acquired, a model alternating torque (MW) is compared to an actual alternating torque (IW). The model parameters are modified in accordance with the result of the comparison. The model yields realistic values of the combustion chamber value on the basis of the modified model parameters.